

CLAIMS

1. Device (10, 30, 50) for swinging a wiper arm of a windshield wiper device away from and against a motor vehicle window, wherein the device (10, 30, 50) comprising at least two spring elements (11, 31, 32, 51, 52), which retain the wiper arm in a stable position away from the vehicle window and press the wiper arm against said vehicle window during the operation of the wipers, characterized in that at least one of the at least two spring elements (11, 31, 32, 51, 52) comprises at least one compressed region (13, 35, 55).
2. Device (10) according to Claim 1, characterized in that it comprises two spring elements (11) arranged next to one another, each of which is connected with one another on their end regions by connecting elements (12), wherein at least one end region (13) of the device (10) and at least one partial region of the connecting elements (12) are compressed.
3. Device (30) according to Claim 1, characterized in that it comprises three spring elements (31, 32) arranged next to one another, wherein a center spring element (32) is provided with at least one compressed end region (35).
4. Device (50) according to Claim 1, characterized in that it comprises three spring elements (51, 52) arranged next to one another, wherein two externally arranged spring elements (51) are provided with at least one compressed end region (55).
5. Device (10, 30, 50) according to Claim 1, characterized in that it can be manufactured from sheet metal with a constant cross section.
6. Device (10, 30, 50) according to Claim 1, characterized in that it can be manufactured automatically.

7. Wiper arm for a windshield wiper device of a motor vehicle, comprising a device (10, 30, 50) for swinging the wiper arm away from and against a window of the motor vehicle, wherein the device (10, 30, 50) comprises at least two spring elements (11, 31, 32, 51, 52), which retain the wiper arm in a stable position away from the vehicle window and press the wiper arm against said vehicle window during the operation of the wipers, characterized in that at least one of the at least two spring elements (11, 31, 32, 51, 52) comprises at least one compressed region (13, 35, 55).
8. Wiper arm according to Claim 7, characterized in that the device (10) comprises two spring elements (11) arranged next to one another, each of which is connected with one another on their end regions by connecting elements (12), wherein at least one end region (13) of the device (10) and at least one partial region of the connecting elements (12) are compressed.
9. Wiper arm according to Claim 7, characterized in that the device (30) comprises three spring elements (31, 32) arranged next to one another, wherein a center spring element (32) is provided with at least one compressed end region (35).
10. Wiper arm according to Claim 7, characterized in that the device (50) comprises three spring elements (51, 52) arranged next to one another, wherein two externally arranged spring elements (51) are provided with at least one compressed end region (55).
11. Wiper arm according to Claim 7, characterized in that the device (10, 30, 50) can be manufactured from sheet metal with a constant cross section.
12. Wiper arm according to Claim 7, characterized in that the device (10, 30, 50) can be manufactured automatically.

13. Windshield wiper for a motor vehicle, comprising at least one wiper arm with a device (10, 30, 50) for swinging the wiper arm away from and against a window of the motor vehicle, wherein the device (10, 30, 50) comprises at least two spring elements (11, 31, 32, 51, 52), which retain the wiper arm in a stable position away from the vehicle window and press the wiper arm against said vehicle window during the operation of the wipers, characterized in that at least one of the at least two spring elements (11, 31, 32, 51, 52) comprises at least one compressed region (13, 35, 55).
14. Windshield wiper according to Claim 13, characterized in that the device (10) comprises two spring elements (11) arranged next to one another, each of which is connected with one another on their end regions by connecting elements (12), wherein at least one end region (13) of the device (10) and at least one partial region of the connecting elements (12) are compressed.
15. Windshield wiper according to Claim 13, characterized in that the device (30) comprises three spring elements (31, 32) arranged next to one another, wherein a center spring element (32) is provided with at least one compressed end region (35).
16. Windshield wiper according to Claim 13, characterized in that the device (50) comprises three spring elements (51, 52) arranged next to one another, wherein two externally arranged spring elements (51) are provided with at least one compressed end region (55).
17. Windshield wiper according to Claim 13, characterized in that the device (10, 30, 50) can be manufactured from sheet metal with a constant cross section.
18. Windshield wiper according to Claim 13, characterized in that the device (10, 30, 50) can be manufactured automatically.